



National Transportation Safety Board Aviation Accident Final Report

Location:	ASHEBORO, NC	Accident Number:	MIA97FA179B
Date & Time:	06/04/1997, 1751 EDT	Registration:	N305JH
Aircraft:	Cessna 305E	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	1 Fatal
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

Cessna 305E, N305JH, had been airborne about 11 minutes, & Piper J3C-65, N804DA, had been airborne about 2 minutes, when a collision of the 2 airplanes occurred. The collision occurred about 2 miles west of the departure airstrip. A witness said he 1st heard a loud sound, then saw both airplanes flying northeast bound. When he 1st saw them, the airplanes appeared to be side by side at the same altitude with the left airplane in a slight bank & the right airplane in a right bank. Both airplanes then entered uncontrolled descent & crashed. No adverse weather was reported. There was evidence that when the midair occurred, the Piper was below & to the left of the Cessna. The upper surface of the left wing of the Piper collided with the left side of the Cessna's empennage just forward of the left horizontal stabilizer. Several of the longerons on the Cessna airplane were damaged, & the cambered surface of the left wing of the Piper airplane was damaged. Exam of the airframes, engines, & flight controls of both airplanes revealed no evidence of preimpact failure or malfunction. The pilot of the Piper had logged 2.0 hrs of formation flying time. The pilot of the Cessna, who was the son of the Piper pilot, was a military pilot & had received military flight training in formation flying.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: failure of the pilots in both airplanes to see and/or avoid a collision with each other.

Findings

Occurrence #1: MIDAIR COLLISION

Phase of Operation: CRUISE

Findings

1. (C) VISUAL LOOKOUT - INADEQUATE - PILOT IN COMMAND
2. (C) VISUAL LOOKOUT - INADEQUATE - PILOT OF OTHER AIRCRAFT
3. (C) CLEARANCE - NOT MAINTAINED

Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER

Phase of Operation: DESCENT - UNCONTROLLED

Factual Information

Narrative same as MIA97FA179A.

Pilot Information

Certificate:	Commercial	Age:	29, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Front
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	Yes
Medical Certification:	Class 2 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	03/15/1996
Occupational Pilot:	Last Flight Review or Equivalent:		
Flight Time:	2215 hours (Total, all aircraft), 118 hours (Last 90 days, all aircraft), 54 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N305JH
Model/Series:	305E 305E	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal; Utility	Serial Number:	24090
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	09/02/1996, Annual	Certified Max Gross Wt.:	2800 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	Continental
ELT:	Installed	Engine Model/Series:	O-470-15
Registered Owner:	POLYSPRAY CORP.	Rated Power:	213 hp
Operator:	JAMES R. PEDDYCORD	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	GSO, 926 ft msl	Distance from Accident Site:	30 Nautical Miles
Observation Time:	1754 EDT	Direction from Accident Site:	332°
Lowest Cloud Condition:	Unknown / 0 ft agl	Visibility	10 Miles
Lowest Ceiling:	Overcast / 3000 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	9 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	70°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	18° C / 11° C
Precipitation and Obscuration:			
Departure Point:		Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	1740 EDT	Type of Airspace:	Class G

Airport Information

Airport:	COLE RIDGE	Runway Surface Type:	
Airport Elevation:		Runway Surface Condition:	
Runway Used:	0	IFR Approach:	
Runway Length/Width:		VFR Approach/Landing:	

Wreckage and Impact Information

Crew Injuries:	1 Fatal	Aircraft Damage:	Destroyed
Passenger Injuries:	N/A	Aircraft Fire:	On-Ground
Ground Injuries:	N/A	Aircraft Explosion:	On-Ground
Total Injuries:	1 Fatal	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	TIMOTHY W MONVILLE	Report Date:	05/21/1998
Additional Participating Persons:	WILLIAM R NEWBY; WINSTON-SALEM, NC		
Publish Date:			
Investigation Docket:	NTSB accident and incident dockets serve as permanent archival information for the NTSB's investigations. Dockets released prior to June 1, 2009 are publicly available from the NTSB's Record Management Division at pubinquiry@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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